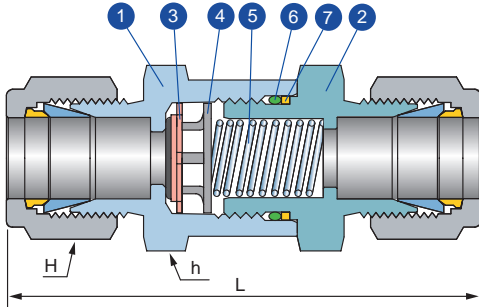


VC6 series

(6000 psig, Fixed Cracking Pressure)



Materials of Construction

No.	Description	Materials
1	Inlet Body	316SS
2	Outlet Body	316SS
3	Poppet	Viton bonded 316SS
4	Poppet Stop	316SS
5	Spring	302SS
6	O-ring	Viton
7	Backup Ring	PTFE

Ordering Information & Dimensions

Part Number	End Connection		Cv	Dimensions (mm)	
	Inlet	Outlet		L	h
VC61	U-02T-	1/8" Uni-Lok	0.67	57.7	17.46
	U-04T-	1/4" Uni-Lok		61.7	
	U-M06T-	6mm Uni-Lok		61.7	
	M-02N-	1/8" Male NPT		44.8	
	M-04N-	1/4" Male NPT		54.8	
VC62	U-06T-	3/8" Uni-Lok	1.80	69.9	25.40
	U-08T-	1/2" Uni-Lok		75.2	
	U-M08T-	8mm Uni-Lok		68.6	
	U-M10T-	10mm Uni-Lok		71.1	
	U-M12T-	12mm Uni-Lok		75.2	
	F-06N-	3/8" Female NPT	64.8	26.98	
	F-08N-	1/2" Female NPT	77.0		
	M-12N-	3/4" Male NPT	59.2		
	M-16N-	1" Male NPT	69.2		
	U-12T-	3/4" Uni-Lok	110.0		31.75
VC63	U-16T-	1" Uni-Lok	4.70	120.0	34.92
	U-M25T-	25mm Uni-Lok		120.0	
	F-12N-	3/4" Female NPT		104.0	
	F-16N-	1" Female NPT		123.0	

ISO7/1 Tapered Threads (PT) are available for all fractional sizes of VC series valves. Add "R" as a suffix instead of "N".

Pressure Rating at 70°F(21°C)

Series	316SS	
	psig	bar
VC61 VC62	6000	413
VC63	5000	344

O-ring Seal Temperature Rating

O-ring Materials	Temperature Rating	
	°C	°F
Viton	-28 ~ 204	-18 ~ 400
Ethylene Propylene	-45 ~ 135	-49 ~ 275
Buna N	-20 ~ 105	-4 ~ 221
Neoprene	-40 ~ 121	-40 ~ 250
Kalrez	-20 ~ 315	-22 ~ 599

CNG Application

Uni-Lok VC6 series, high pressure check valves are available for CNG application with CNG compatible HNBR O-ring.

To order, add **-H** to the end of part number.

Dimensions are for reference only and are subject to change without prior notice.